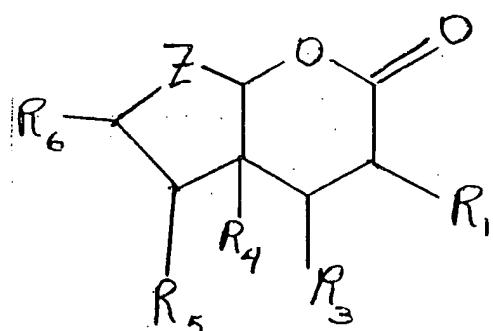


WHAT IS CLAIMED IS:

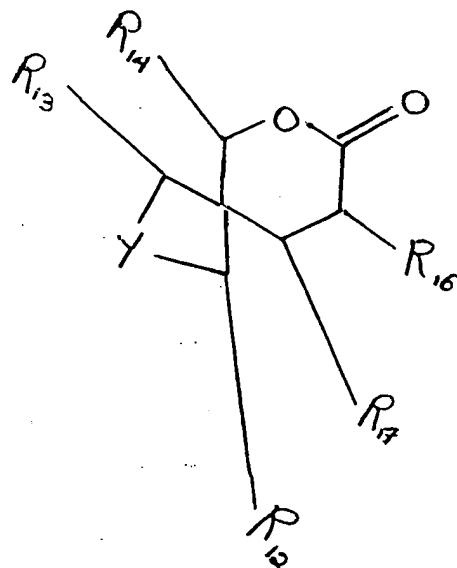
1. A process for augmenting, enhancing or imparting an aroma in or to a consumable material selected from the group consisting of perfume compositions, perfumed articles, colognes and perfume polymers, comprising the step of intimately admixing with a consumable material base an aroma augmenting, enhancing or imparting quantity and concentration of bicyclic lactone having a structure selected from the group consisting of:
- 5

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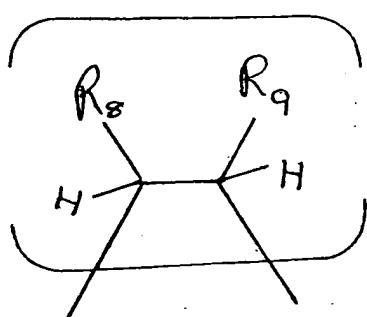
15

and

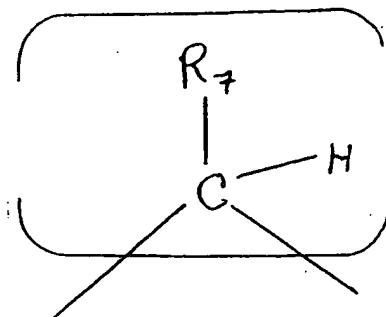


wherein Z is a moiety selected from the group consisting of:

20



and

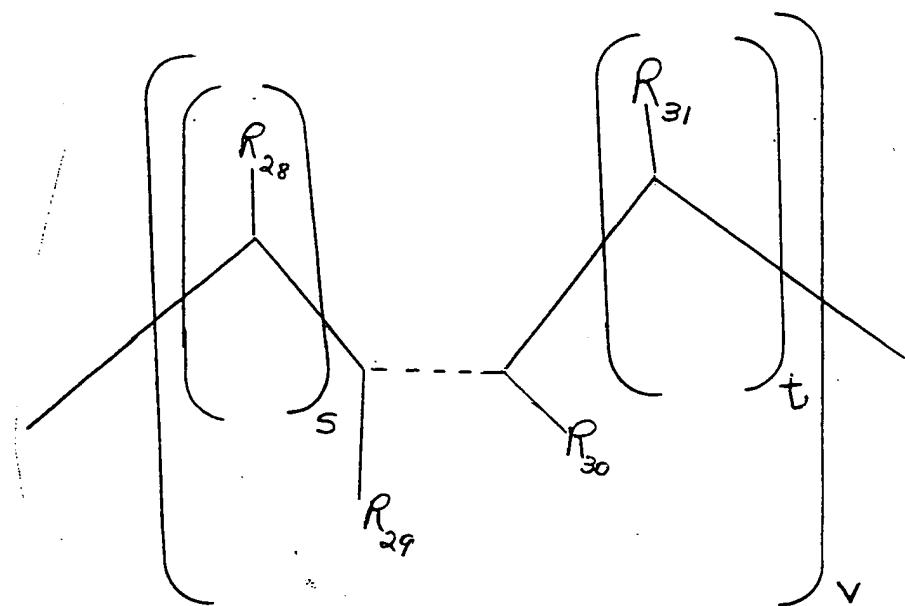


25

and wherein one of R_1 or R_3 is methyl and the other is hydrogen; wherein R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are hydrogen or nonadjacent C₁-C₃ alkyl; wherein Y is C₂-C₁₂ substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

5

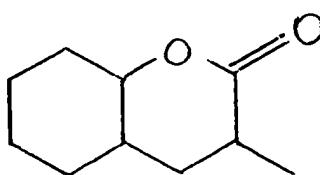
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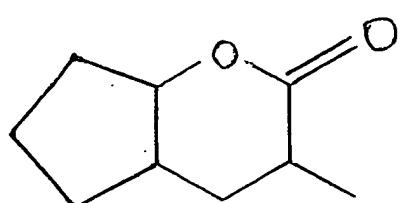
15 and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein
 R₁₂, R₁₃, R₁₄, R₁₆, R₁₇, R₂₈, R₂₉, R₃₀ and R₃₁ each represents hydrogen or C₁-C₃
 nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a
 carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of
 from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined
 20 according to the inequalities: 0 ≤ s + t ≤ 10; 0 ≤ s ≤ 10; and 0 ≤ t ≤ 10; and
 wherein v 1 or 2.

2. The process of Claim 1 wherein the bicyclic lactone has a structure selected
 from the group consisting of:

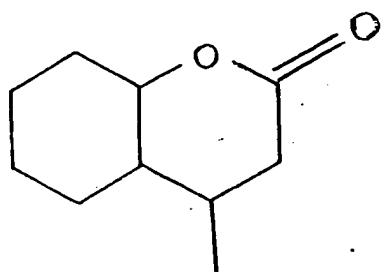
25



;

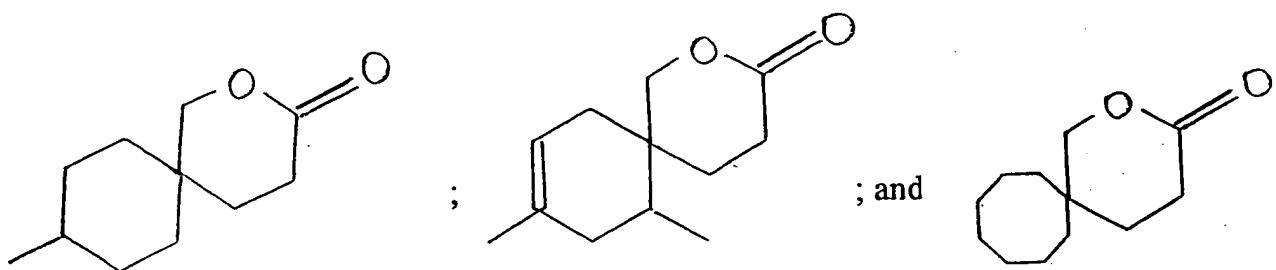


; and



3. The process of Claim 1 wherein the bicyclic lactone has a structure selected from the group consisting of:

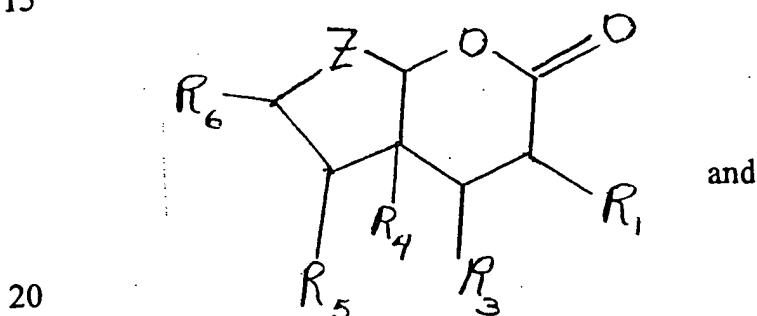
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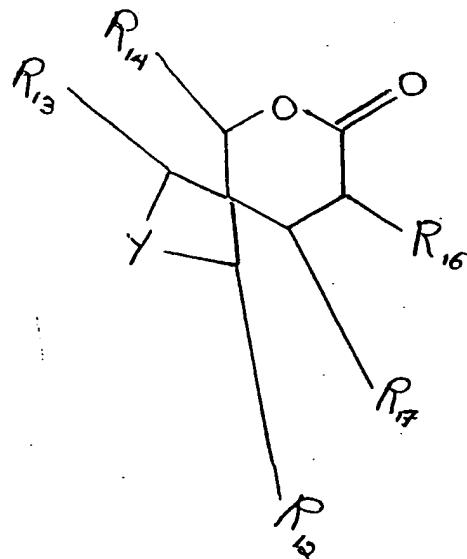
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4. A perfumed article comprising a perfumed article base and an aroma augmenting, enhancing or imparting quantity and concentration of a bicyclic lactone having a structure selected from the group consisting of:

15



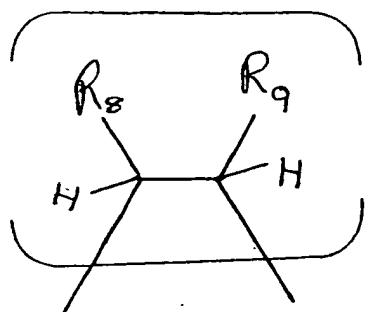
and



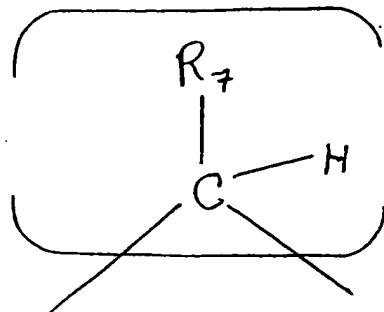
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wherein Z is a moiety selected from the group consisting of:

25



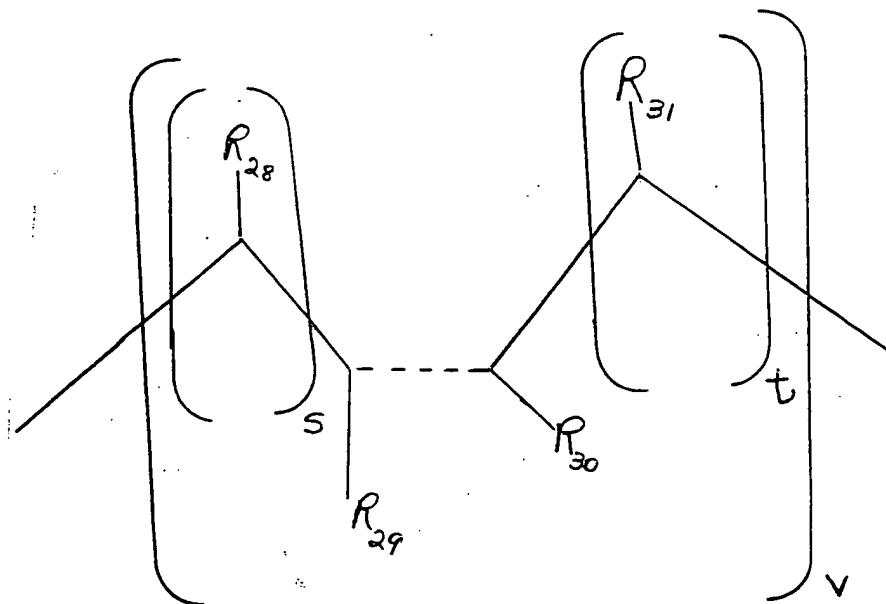
and



and wherein one of R_1 or R_3 is methyl and the other is hydrogen; wherein R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are hydrogen or nonadjacent C₁-C₃ alkyl; wherein Y is C₂-C₁₂ substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

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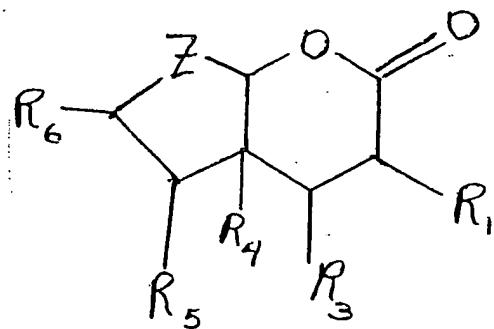
5

and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R₁₂, R₁₃, R₁₄, R₁₆, R₁₇, R₂₈, R₂₉, R₃₀ and R₃₁ each represents hydrogen or C₁-C₃ nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; and wherein v 1 or 2.

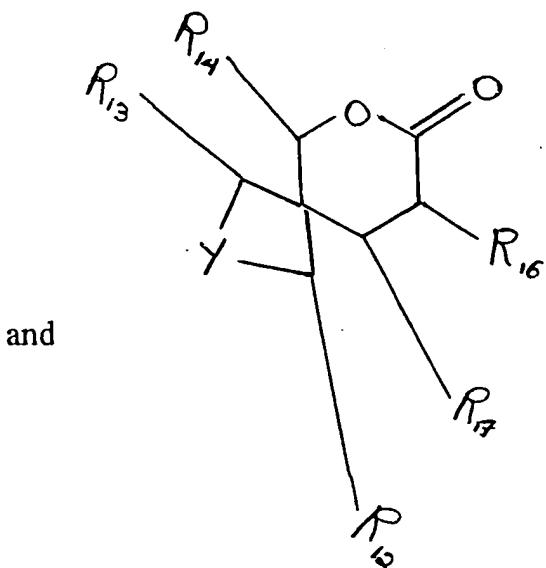
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5. A perfumed polymer comprising a microporous polymer and contained in the interstices thereof an aroma augmenting, enhancing or imparting quantity and concentration of a bicyclic lactone having a structure selected from the group consisting of:

5



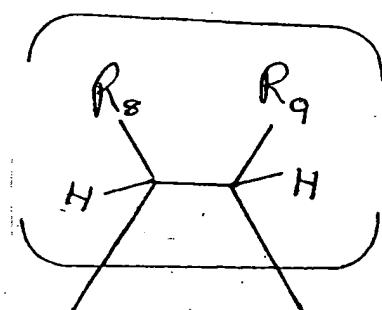
10



and

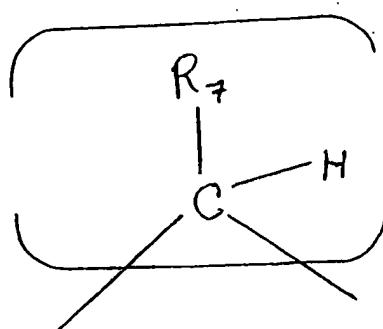
wherein **Z** is a moiety selected from the group consisting of:

15



and

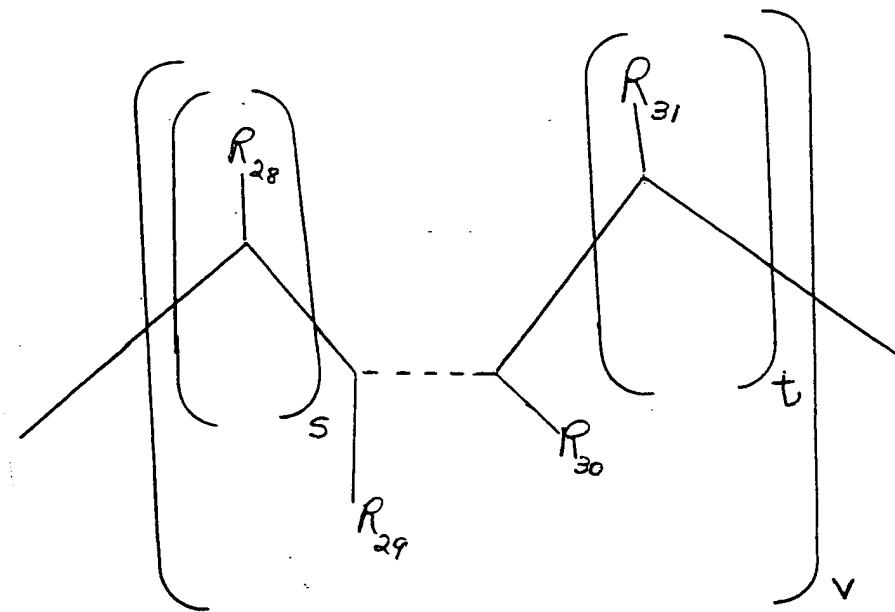
20



and wherein one of **R**₁ or **R**₃ is methyl and the other is hydrogen; wherein **R**₄, **R**₅, **R**₆, **R**₇, **R**₈ and **R**₉ are hydrogen or nonadjacent C₁-C₃ alkyl; wherein **Y** is C₂-C₁₂ substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

5

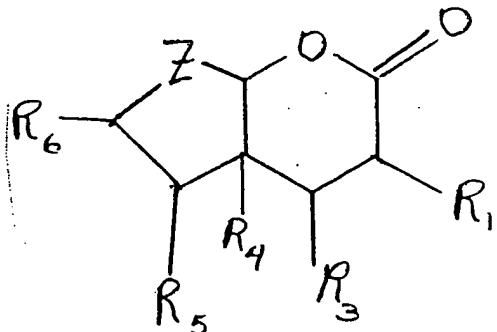
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and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R₁₂, R₁₃, R₁₄, R₁₆, R₁₇, R₂₈, R₂₉, R₃₀ and R₃₁ each represents hydrogen or C₁-C₃ nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: 0 ≤ s + t ≤ 10; 0 ≤ s ≤ 10; and 0 ≤ t ≤ 10; and wherein v 1 or 2.

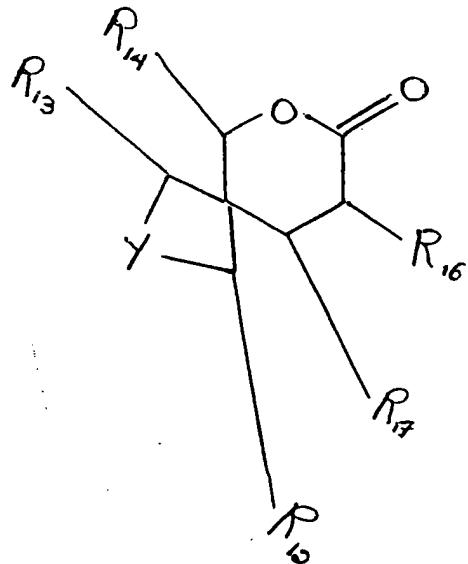
6. A perfume composition comprising a perfume base and intimately admixed therewith an aroma augmenting, enhancing or imparting quantity of a bicyclic lactone having a structure selected from the group consisting of:

5



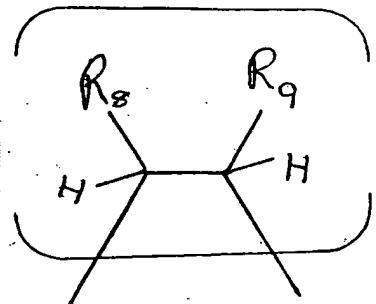
and

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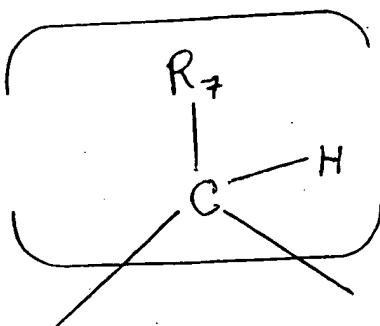


wherein Z is a moiety selected from the group consisting of:

5



and

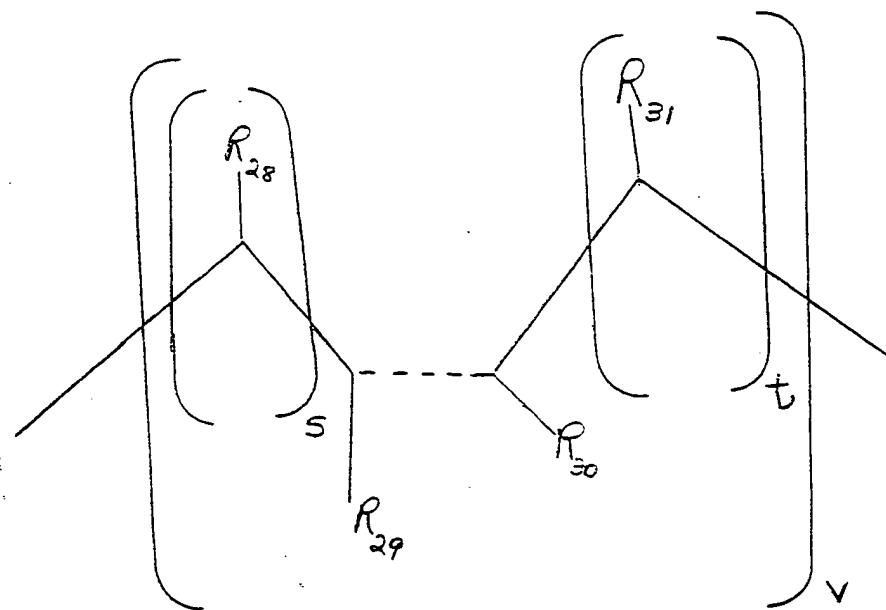


20

and wherein one of R1 or R3 is methyl and the other is hydrogen; wherein R4, R5, R6, R7, R8 and R9 are hydrogen or nonadjacent C1-C3 alkyl; wherein Y is C2-C12 substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

5

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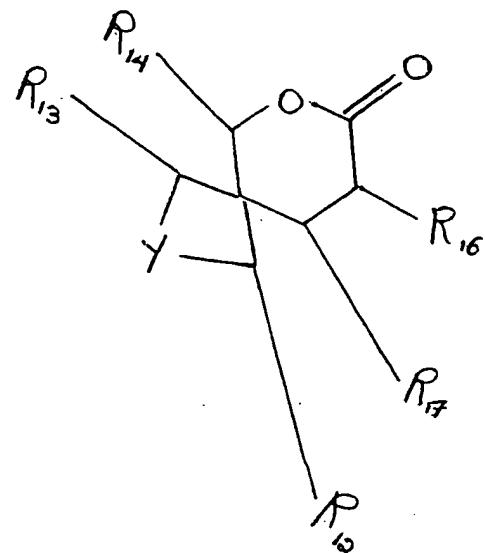
5 and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein
R₁₂, R₁₃, R₁₄, R₁₆, R₁₇, R₂₈, R₂₉, R₃₀ and R₃₁ each represents hydrogen or C₁-C₃
nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a
carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of
from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined
20 according to the inequalities: 0 ≤ s + t ≤ 10; 0 ≤ s ≤ 10; and 0 ≤ t ≤ 10; and
wherein v 1 or 2.

7. The process of Claim 1 wherein the consumable material is a detergent
composition or a fabric softener composition.

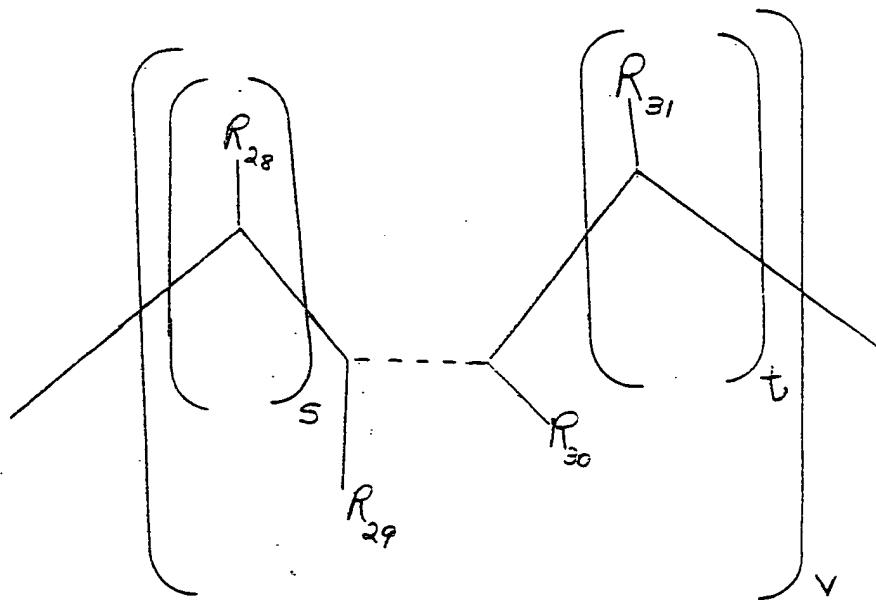
25

8. The process of Claim 2 wherein the consumable material is a detergent
composition or a fabric softener composition.

9. A bicyclic lactone having the structure:



wherein Y is C₂-C₁₂ substituted or unsubstituted alkylidенyl, alkenylidенyl or alkadienylidенyl having the structure:

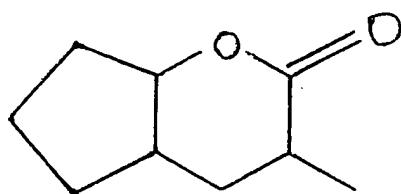


and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein

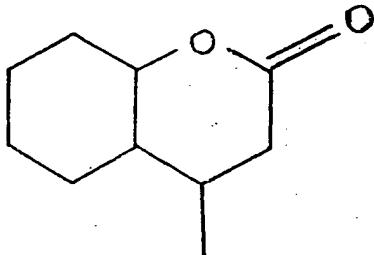
R_{12} , R_{13} , R_{14} , R_{16} , R_{17} , R_{28} , R_{29} , R_{30} and R_{31} each represents hydrogen or C_1 - C_3 nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined
5 according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$; and
wherein v 1 or 2.

10. A bicyclic lactone having a structure selected from the group consisting of:

10



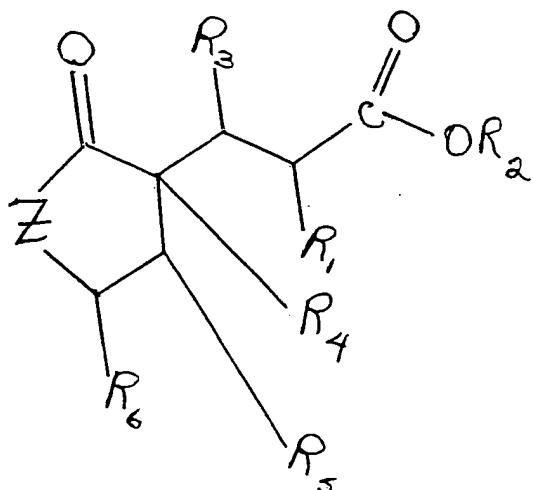
and



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11. A ketoester having the structure:

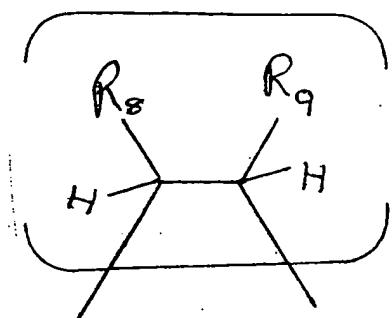
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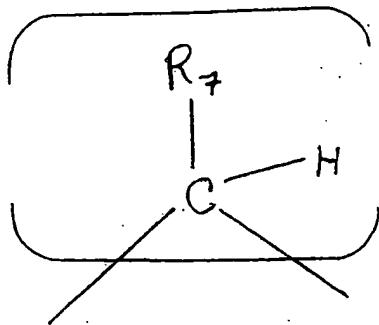
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wherein Z is a moiety selected from the group consisting of:

5



and

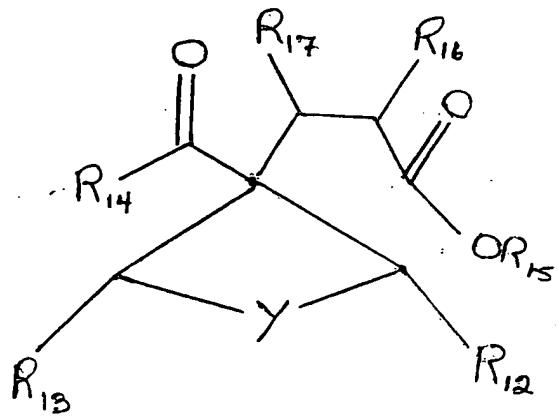


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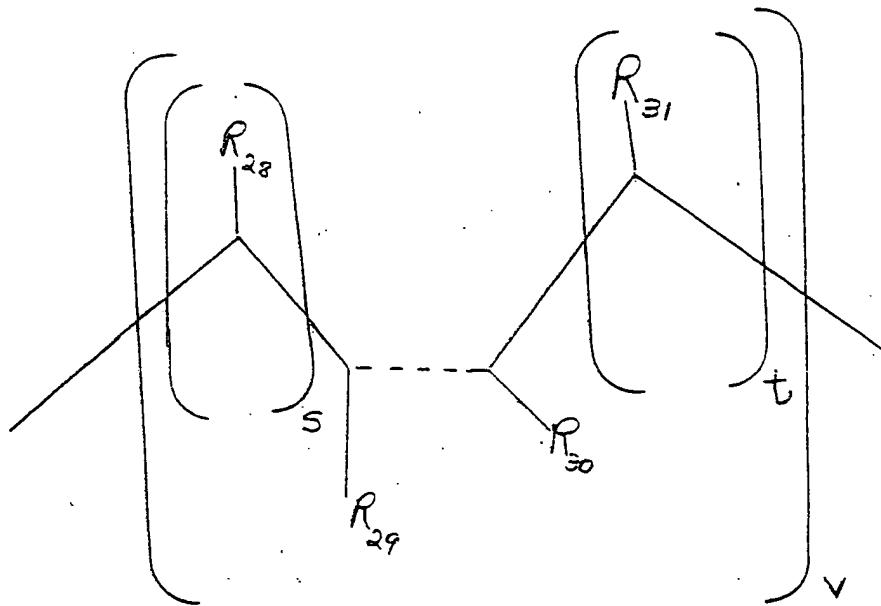
wherein R_2 is C₁-C₄ lower alkyl; wherein one of R_1 or R_3 is methyl and the other is hydrogen; wherein R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are hydrogen or nonadjacent C₁-C₃ alkyl.

12. An oxo-ester having the structure:

20



wherein R_{15} is C₁-C₄ lower alkyl; wherein Y is C₂-C₁₂ substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

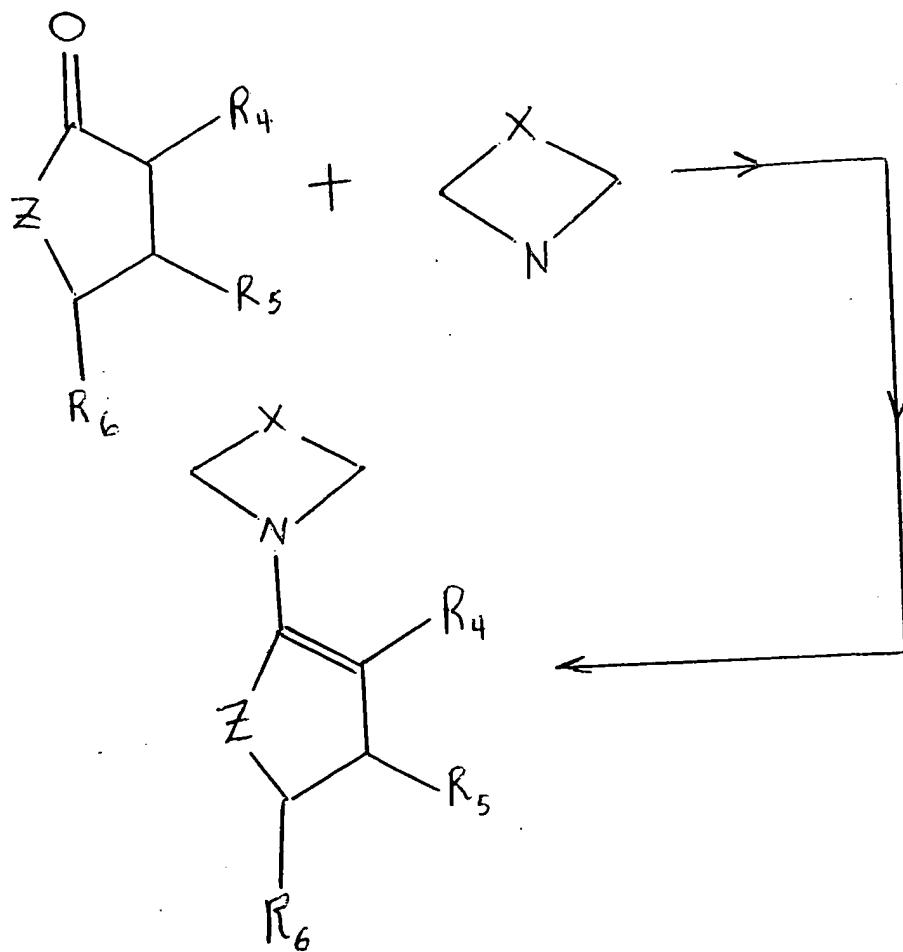


and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein
15 R_{12} , R_{13} , R_{14} , R_{16} , R_{17} , R_{28} , R_{29} , R_{30} and R_{31} each represents hydrogen or C₁-C₃ nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: $0 \leq s + t \leq 10$; $0 \leq s \leq 10$; and $0 \leq t \leq 10$;

20 wherein v 1 or 2; and wherein R_{15} represents C₁-C₄ lower alkyl.

13. A process for the preparation of a bicyclic lactone comprising the steps of carrying out the reaction sequence in order:

(i)

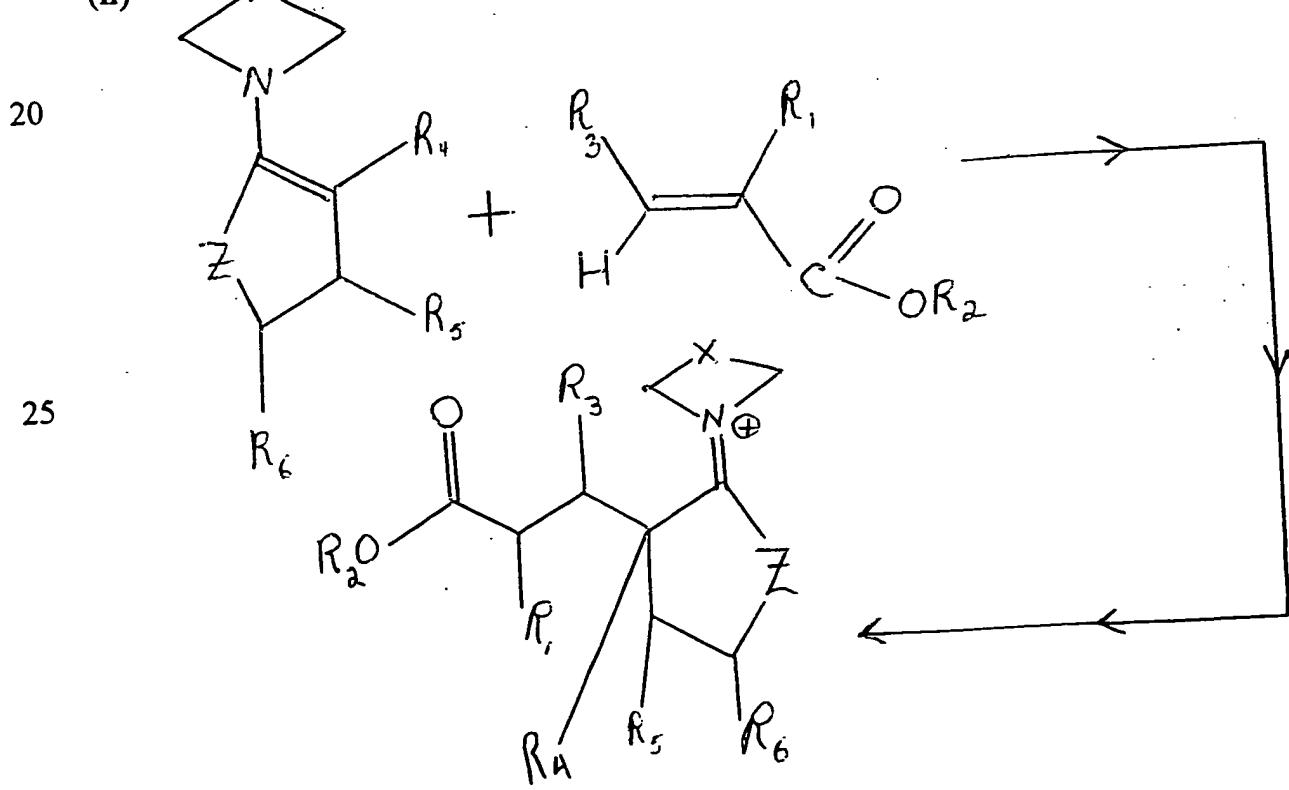


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(ii)

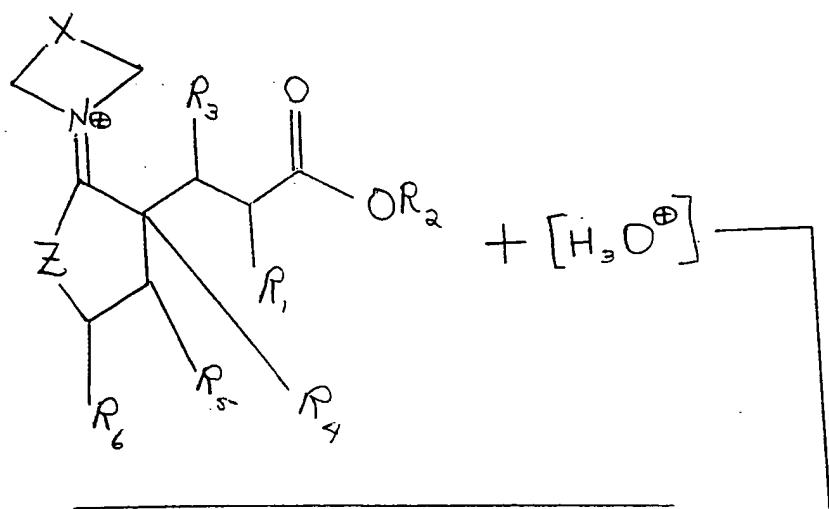


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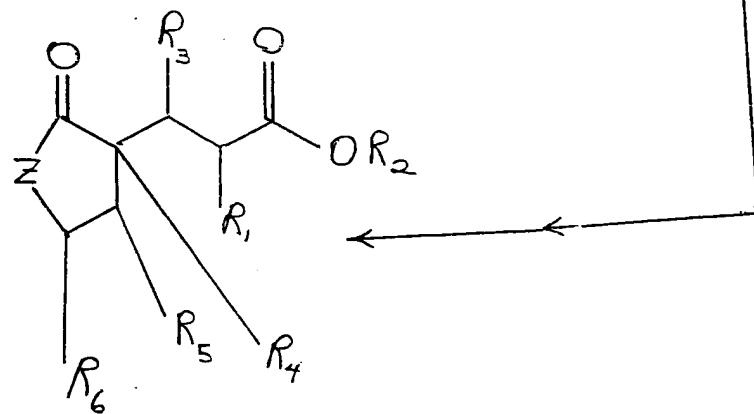
(iii)

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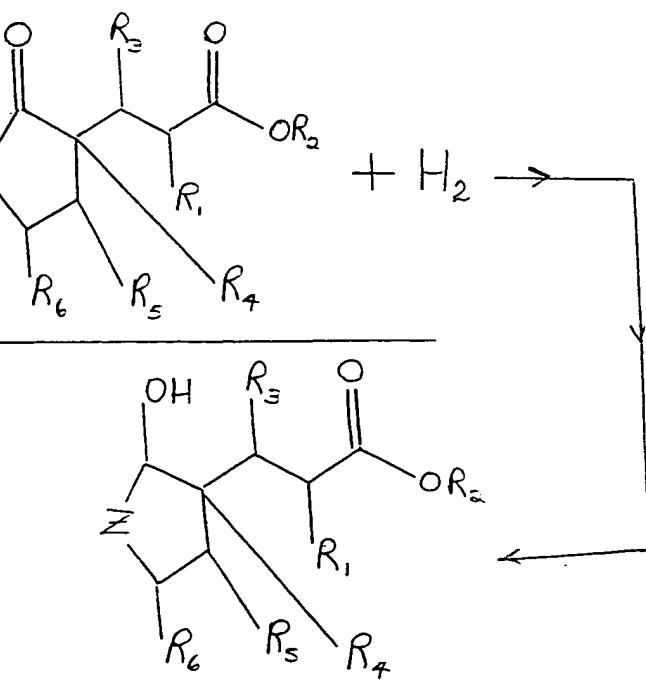
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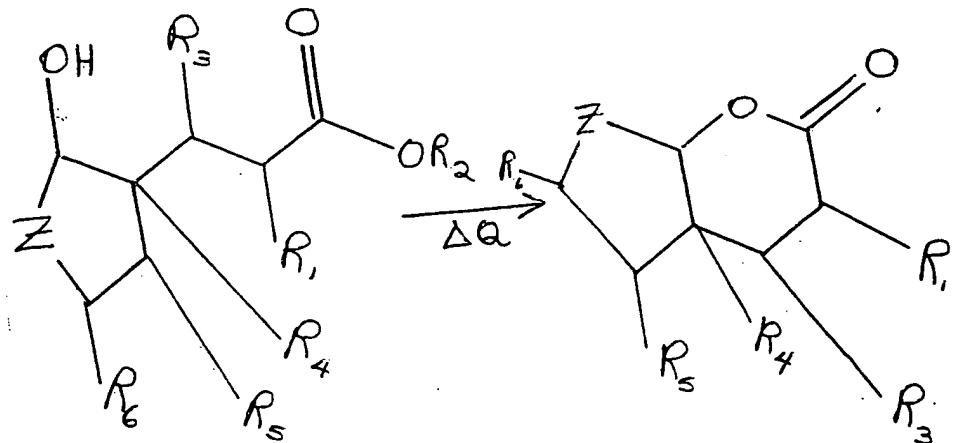
(iv)

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; and

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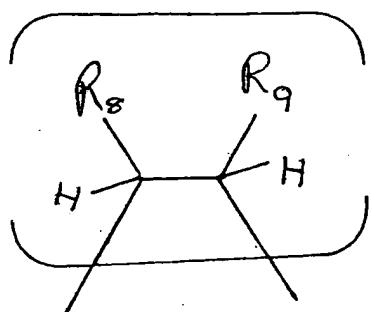


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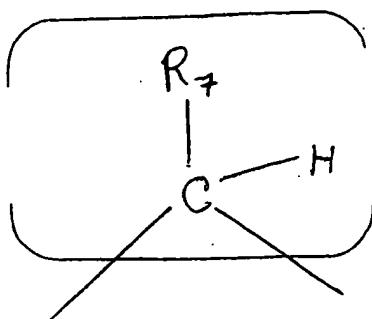
and isolating the resulting bicyclic lactone wherein **Z** is a moiety selected from the group consisting of:

15

20



and

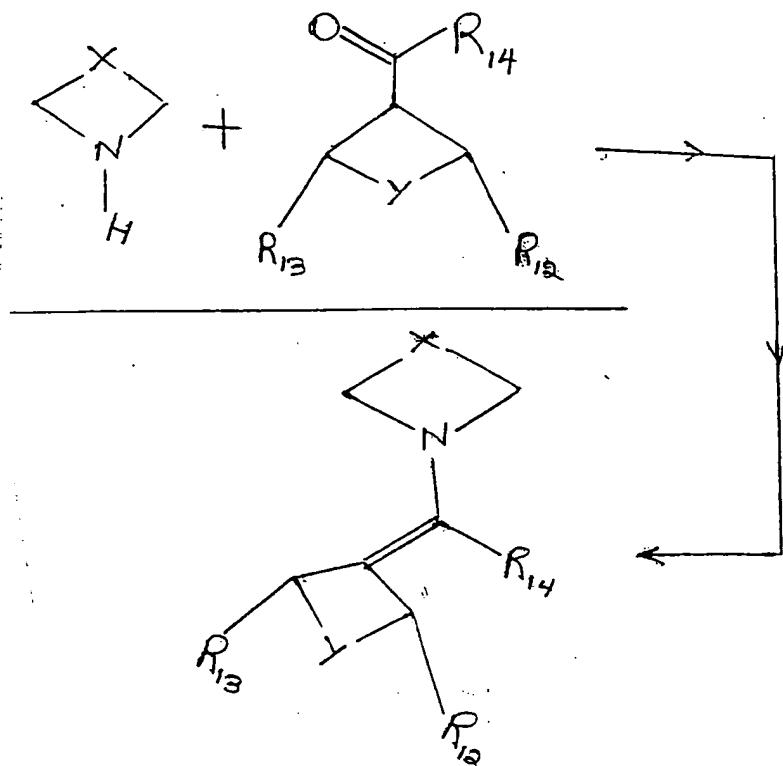


and wherein one of **R**₁ or **R**₃ is methyl and the other is hydrogen; wherein **R**₄, **R**₅, **R**₆, **R**₇, **R**₈ and **R**₉ are hydrogen or nonadjacent C₁-C₃ alkyl; and wherein **R**₂ represents C₁-C₄ alkyl.

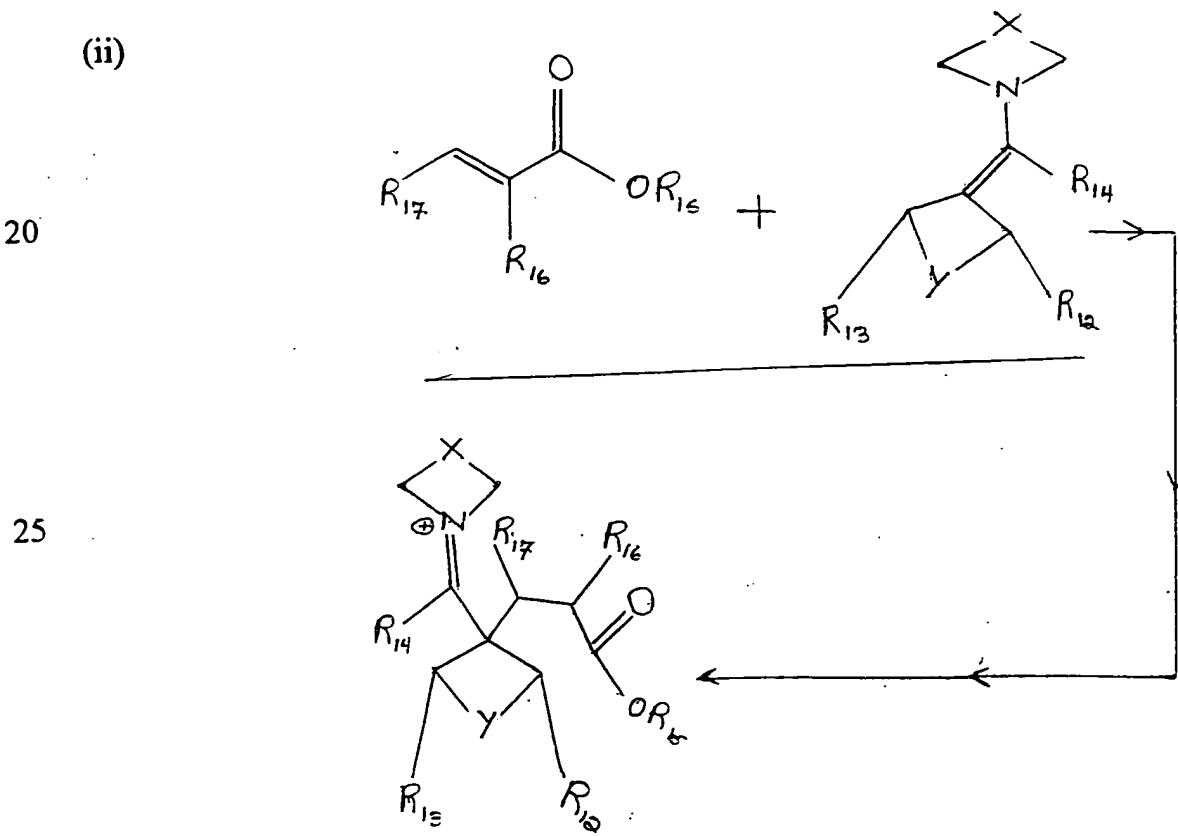
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14. A process for the preparation of a bicyclic lactone comprising the steps of carrying out the reaction sequence in order:

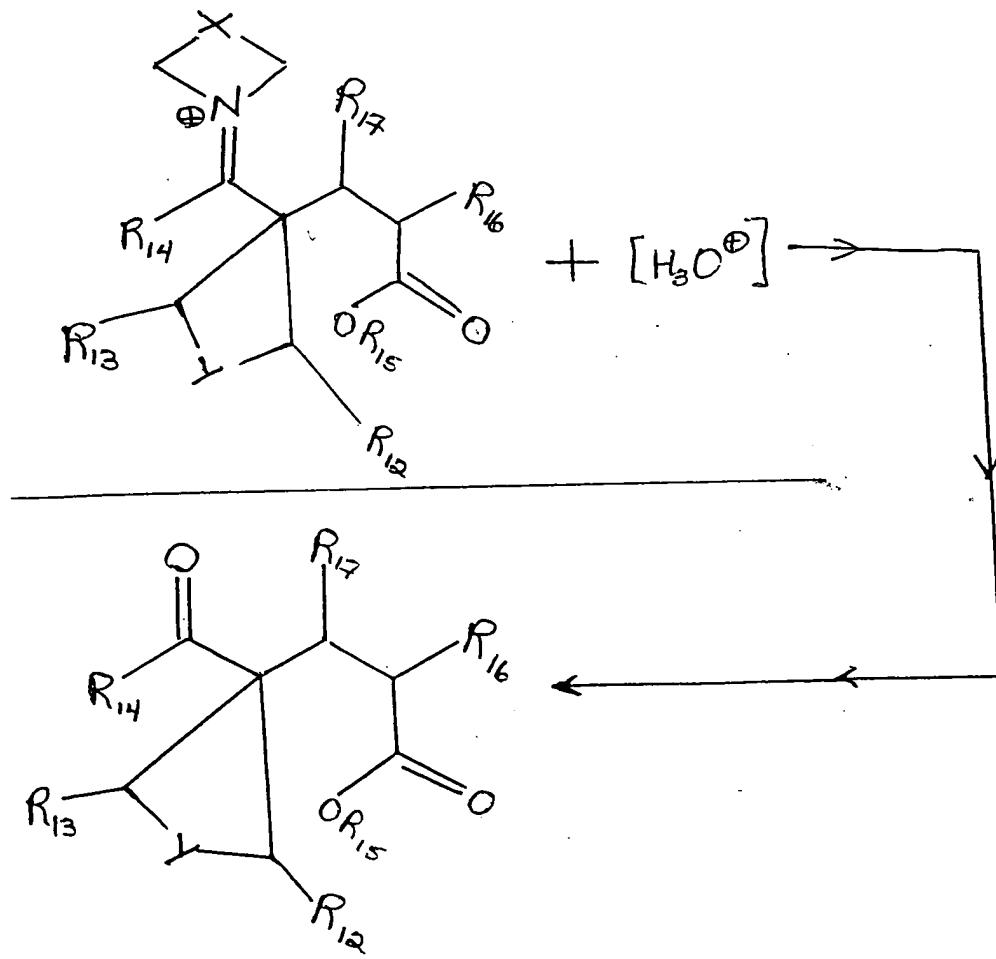
(i)



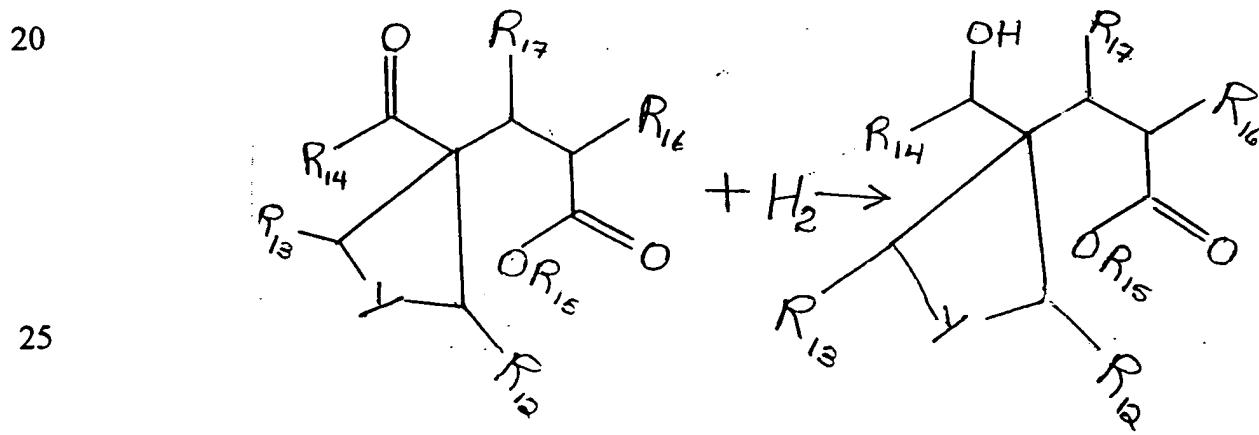
(ii)



(iii)

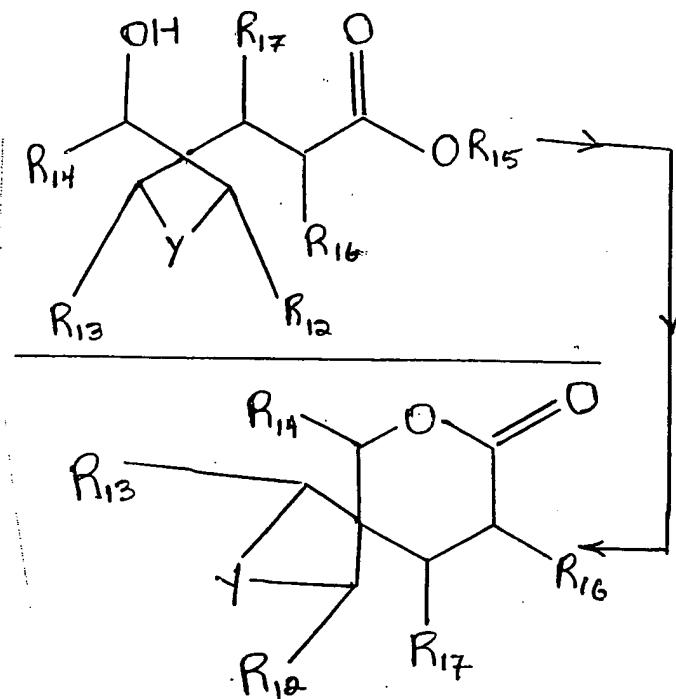


(iv)



(v)

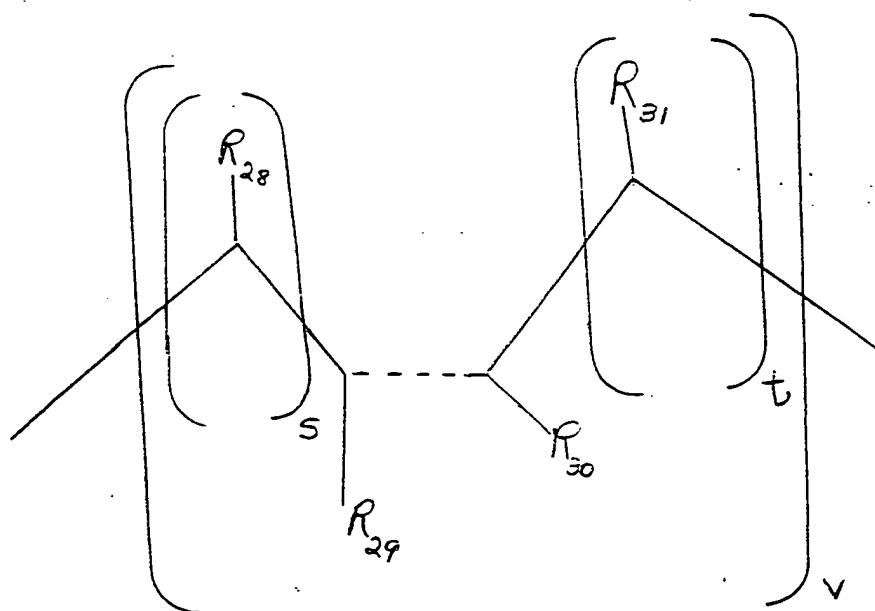
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5 and isolating the resulting bicyclic lactone wherein wherein R_{15} is C_1-C_4 lower alkyl; wherein Y is C_2-C_{12} substituted or unsubstituted alkylidenyl, alkenylidenyl or alkadienylidenyl having the structure:

20

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and completes a C₅-C₁₅ cycloalkyl, cycloalkadienyl or cycloalkenyl ring moiety; wherein R₁₂, R₁₃, R₁₄, R₁₆, R₁₇, R₂₈, R₂₉, R₃₀ and R₃₁ each represents hydrogen or C₁-C₃ nonadjacent alkyl; wherein the dashed line represents a carbon carbon single bond or a carbon carbon double bond; wherein s is an integer of from 0 up to 10; t is an integer of 5 from 0 up to 10; wherein the sum of s and t is an integer of from 0 up to 10 defined according to the inequalities: 0 ≤ s + t ≤ 10; 0 ≤ s ≤ 10; and 0 ≤ t ≤ 10; wherein v 1 or 2; and wherein R₁₅ represents C₁-C₄ lower alkyl.